

Mid-Atlantic Digital Commons User Group 2018

Tips, Tricks, and Unintended Uses
Hacking BePress

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Rowan University
July 27, 2018



Lightning Talk

Turned into a full
session

Some of this may
already be
known!

Topics

- 1) Submission Portals in Digital Commons
- 2) XML from Digital Commons for instructional purposes
- 3) Migrating collections with OAI-PMH
- 4) Deep linking to faculty profiles in Experts Gallery

1) Submission Portals

Examples at Rowan:

- Open Access Publishing Fund
- PIPER : Program for Inclusive Pedagogy and Educational Reform
- Rowan University Seed Funding Program

1)Submission Portals

Portal page has details about the project:

https://rdw.rowan.edu/oa_pubfund/

Article Processing Charge

Enter amount:

Amount Requested from OA Fund

Amount requested:

When does publisher require payment?

Date payment required:

Rowan University Libraries will deposit a copy of your work in Rowan Digital Works.

Please select "Yes" to acknowledge:

☐ Yes

Form includes custom fields

Form includes requires to:

- create a profile
- deposit resulting work in BePress

Allows for Workflow Management

Distributed administrators

Becomes the default way to handle these things.

2) XML from BePress for Instruction

OIA-PMH port on BePress is accessible

<https://rdw.rowan.edu/do/oai/?verb=Identify>

OIA-PMH is an open standard

<https://www.openarchives.org/OAI/openarchivesprotocol.html>

Digital Commons via OAI-PMH is well documented

https://www.bepress.com/reference_guide_dc/digital-commons-oai-harvesting/

2) XML from BePress for Instruction

We have Computer Science and related programs and courses.

Instructors are often looking for stable, reliable, thoroughly described, and open and accessible sources of XML for assignments.

2) XML from BePress for Instruction

Faculty and instructors in computer science and related disciplines may be interested in using our Institutional Repository (IR) – Rowan Digital Works – for instructional purposes (assignments, labs, demonstrations, projects, etc...) when teaching about parsing, validating, and checking XML for well-formedness, styling XML with CSS or stylesheets, consuming APIs (with and without resumption tokens), using emerging standards in coding assignments, etc...

Here's background about the IR and it's open and stable API via OAI-PMH:

The standard to which Rowan Digital Works conforms is OAI-PMH: <http://www.openarchives.org/pmh/>

The query syntax specified here: (only read verbs are allowed -- so there is no chance of a student updating, adding, or deleting records). https://www.bepress.com/reference_guide_dc/digital-commons-oai-harvesting/

And here are some sample URLs:

http://rdw.rowan.edu/do/oai/?verb=ListRecords&metadataPrefix=oai_dc&from=2017-01-01&until=2017-04-20&set=publication:cs_m_facpub

http://rdw.rowan.edu/do/oai/?verb=GetRecord&metadataPrefix=dcq&identifier=oai:rdw.rowan.edu:cs_m_facpub-1039

3) OAI-PMH to Migrate Collections

Rowan Environment

Digital Commons (January, 2016)

Islandora (in process of implementation)

Yearbooks

moved from IA to Digital Commons in 2016

will move from DC to Islandora

3) OAI-PMH to Migrate Collections

Data Extraction / Import Options

Spreadsheets

Delimited file sets

Complex data sets

3) OAI-PMH to Migrate Collections

We can get all the records in DC via the OAI-PMH port

https://rdw.rowan.edu/do/oai/?verb=ListRecords&metadataPrefix=oai_dc&set=publication:yearbooks

3) OAI-PMH to Migrate Collections

We plan to pursue this method to migrate our Yearbooks (Fall 2018)

4) Deep Linking in Experts Gallery

Department of Mathematics webpage

Disciplines vs Departments

In short: an Ad Hoc list any records

[Embed this gallery](#)

Browse Experts

▼ Sort by name (A-Z)



Mohammad Abedin-Nasab

Assistant Professor, Biomedical Engineering

Disciplines

Biomedical Engineering and Bioengineering

Research Interests

surgical robotics, parallel mechanisms, biomechanics



Amy Accardo

Instructor, Interdisciplinary & Inclusive Education; Coordinator, Teacher of Students with Disabilities Program

Disciplines

Disability and Equity in Education, Special Education and Teaching

Research Interests

autism spectrum disorder, teacher education, disability studies



Mary Alpaugh

Associate Professor and Department Head, Molecular & Cellular Biosciences



Bonnie L. Angelone

Associate Professor, Psychology; Director of the Faculty Center for Excellence in Teaching & Learning

Discipline

Mathematics (16)

Physics (14)

Biology (14)

Computer Sciences (12)

Psychology (11)

▼ View More

Research Interest

engineering education (5)

Artificial Intelligence (4)

Behavior Analysis (3)

Data Mining (3)

Machine Learning (3)

▼ View More

Search by name, research interest, or department...

Embed this gallery

Browse Experts

▼ Sort by name (A-Z)



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4) Deep Linking in Experts Gallery

Step 1. Find the faculty member's id via the URL to their specific profile:

<https://works.bepress.com/mohammad-abedin-nasab/>

<https://works.bepress.com/sangho-shin/>

<https://works.bepress.com/jennifer-kitson/>

Step 2. Concatenate via a URL

(separated with + and in straight quotes

(HTML entity code for straight quote is %22 as shown below).

<https://works.bepress.com/experts/rowan-university/search/?query=%22mohammad-abedin-nasab%22+%22sangho-shin%22+%22jennifer-kitson%22>

Any list of N faculty profiles can be grouped this way – once grouped they can be embedded with the “Embed this Gallery” link.

4) Deep Linking in Experts Gallery

Build Your Embed Snippet ⓘ

Heading

Mathematics Department

This text will be used as the heading of your gallery.

Height

500

Frame height (e.g., 500 or 500px).

Width

100%

Frame width (e.g., 900px or 100%).

Features

☒ Include heading

☐ Include search box

☒ Include profile cards

Toggle visible features of the embedded gallery.

Filters

☒ Include selected categories

Toggle features of the current search settings

Copy your embed code:

```
<iframe src="https://works.bepress.com/experts/rowan-university/embed/?sorts=last_name&sorts=first_name&heading=Mathematics%20Department&ifacets=discipline%3A174&hide=search" class="bp-widget" height="500" width="100%"></iframe>
<script>!function(d,s,id){var js,fjs=d.getElementsByTagName(s)[0],p=/^http:/.test(d.location)?"http":"https";if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src=p+"://s3-us-west-1.amazonaws.com/bepress-assets/production/widgets/widgets.bundle.js";fjs.parentNode.insertBefore(js,fjs);} }(document,"script","bepress-widget");</script>
```

Preview

Name it whatever you want!

Recommend that you don't
"Include Search Box"

Add it any
Webpage
Libguide
Departmental page

<https://libguides.rowan.edu/c.php?g=828523>

4) Deep Linking in Experts Gallery

Develop instructions and share with the web development group.

Allow your content to be shareable and maybe it will.

I have not yet found a way to deep link to specific documents in Digital Commons

Questions?

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